

Strategic Planning for Facilities

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Georgia Tech Foundation

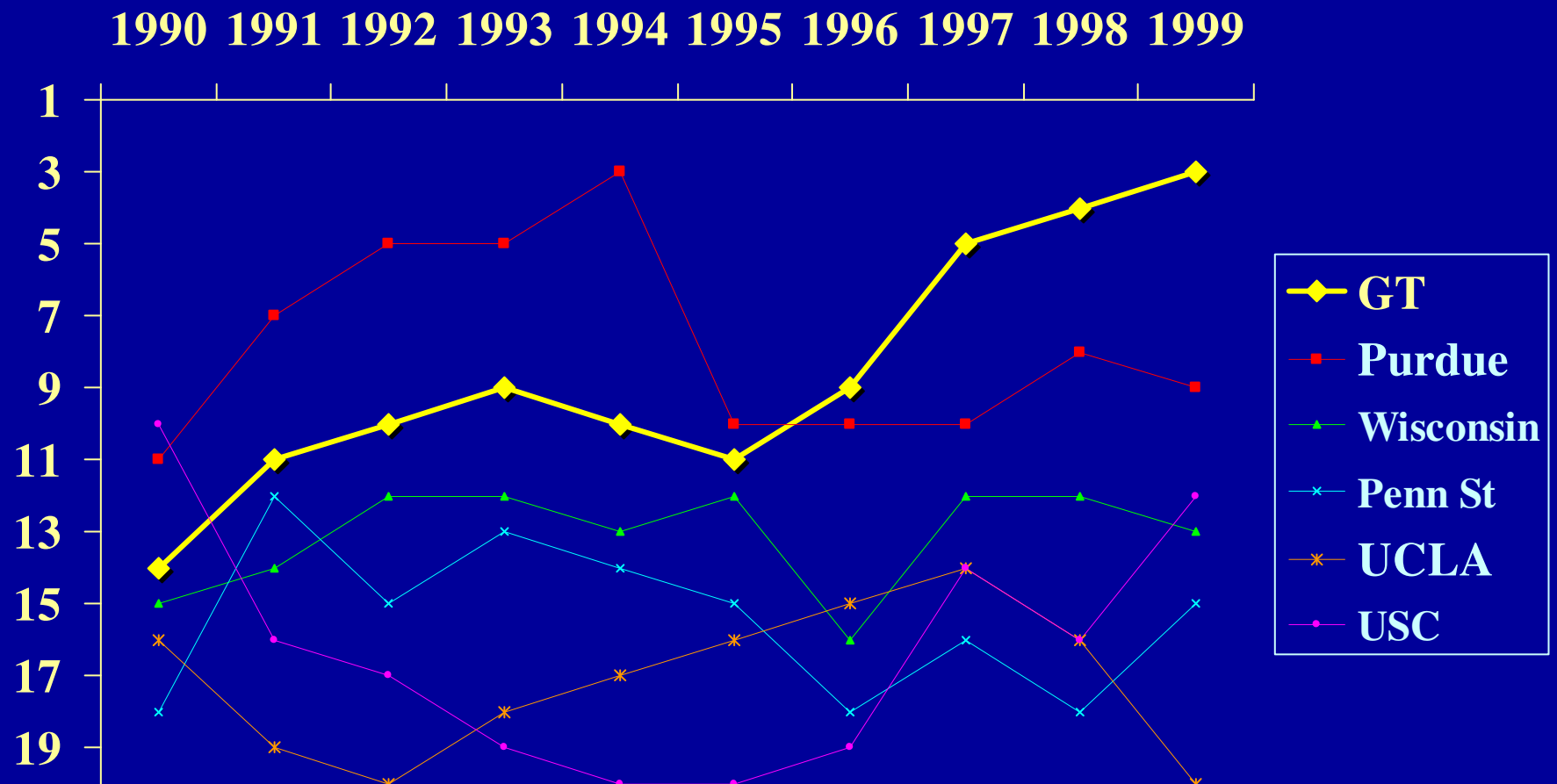
October 1, 1999

Competing with the Best

- Top 40 of all national universities
- Top 10 public universities
- Number 3, engineering
- Number 13, computing
- Number 15, architecture
- Number 33, management
- Number 28, sponsored research

Rising through the Ranks: Engineering

US News & World Report



Excellence Requires Strategy

- Strategic programs and initiatives
- Targeted management of growth
- New program paradigms
- A technology-based learning environment
- Outstanding faculty and students
- State-of-the-art facilities
- Competitive athletic programs

Infrastructure Supports the Strategy

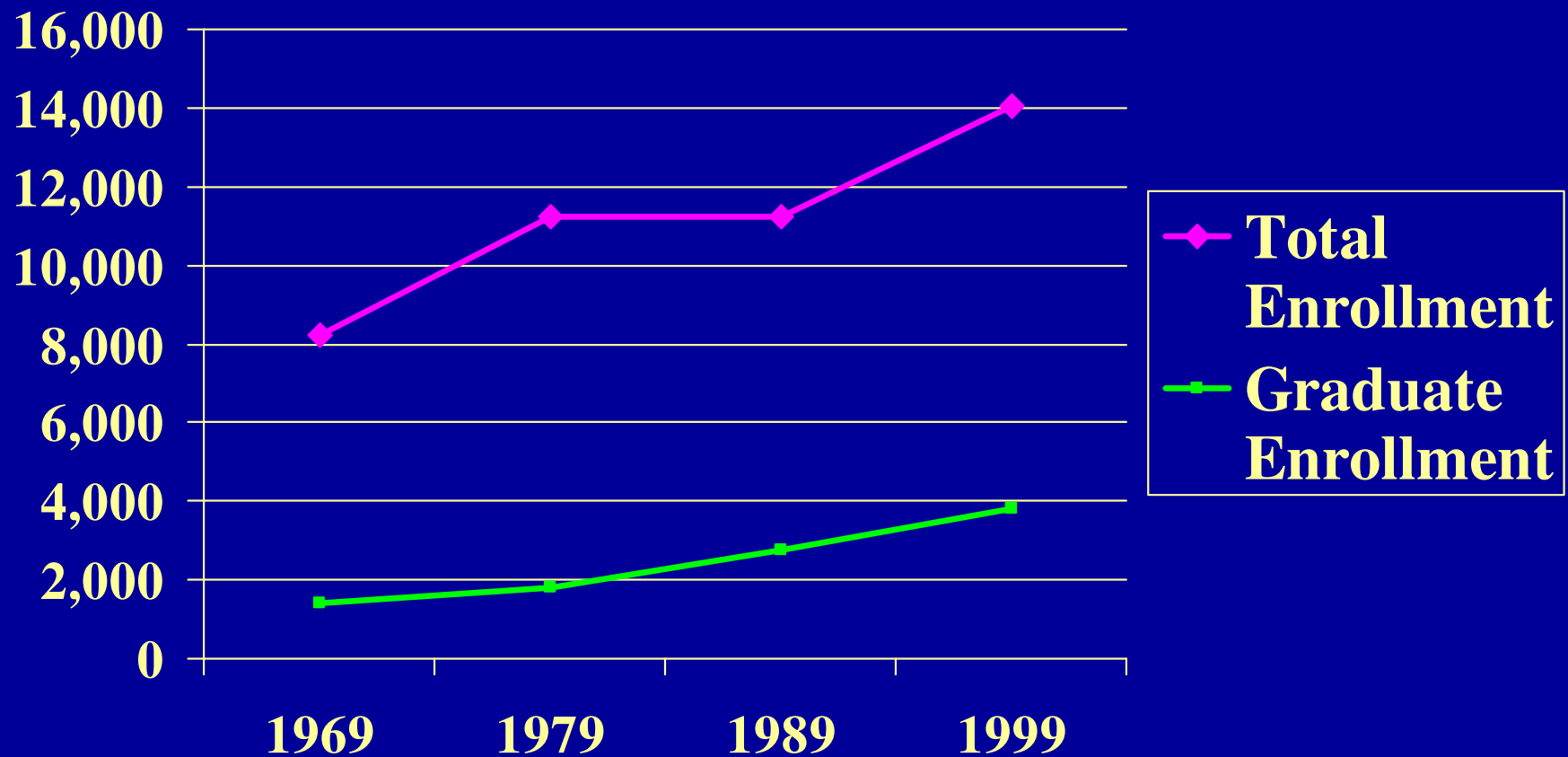
- Accommodate growth
- Provide a safe, quality environment for teaching, learning and research
- Make possible the leading edge programs that attract outstanding faculty and students
- Support interdisciplinary activities
- Make athletics competitive in Division 1-A
- Offer a quality campus life

Growth Factors

- Enrollment
- Faculty
- Students living on campus
- Sponsored Research
- Continuing Education
- Athletics

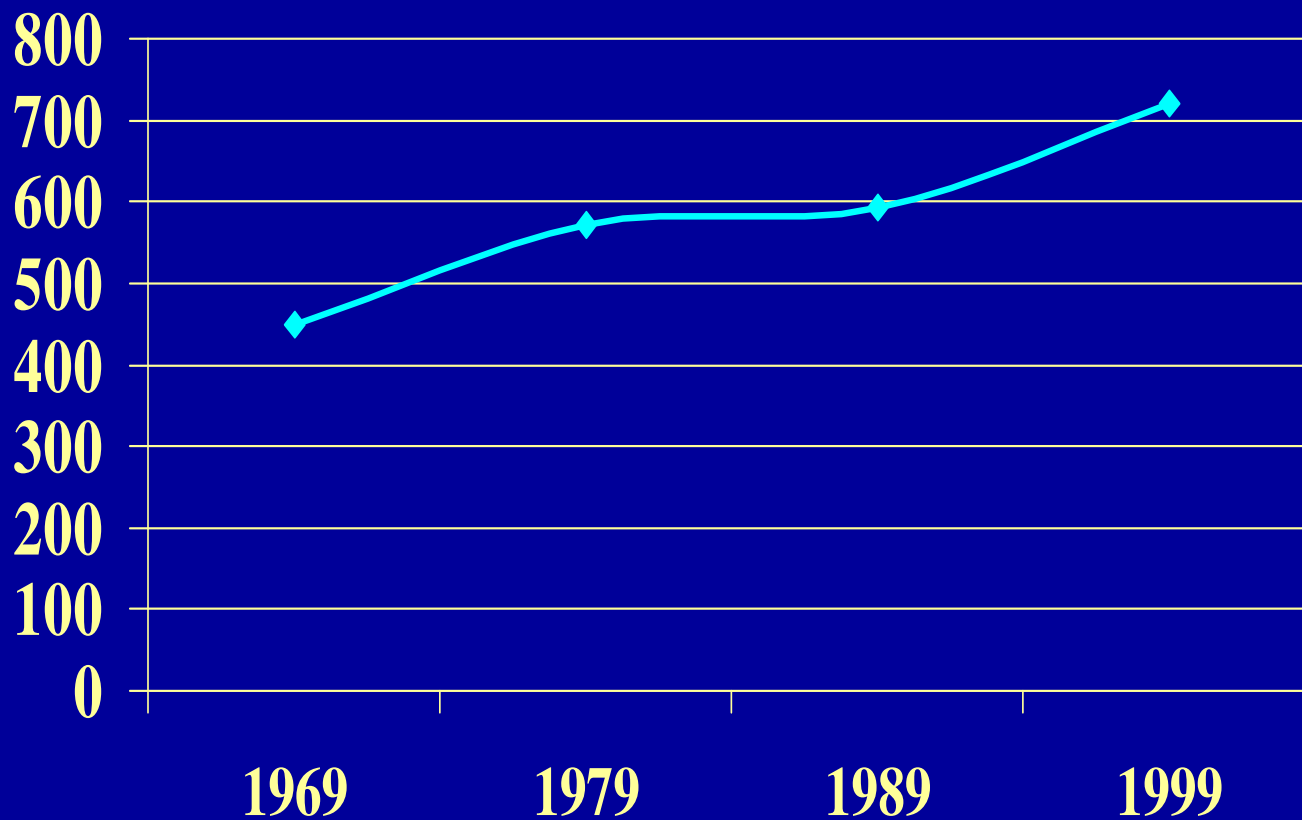
Enrollment

70% over past 30 years; graduate: 167%



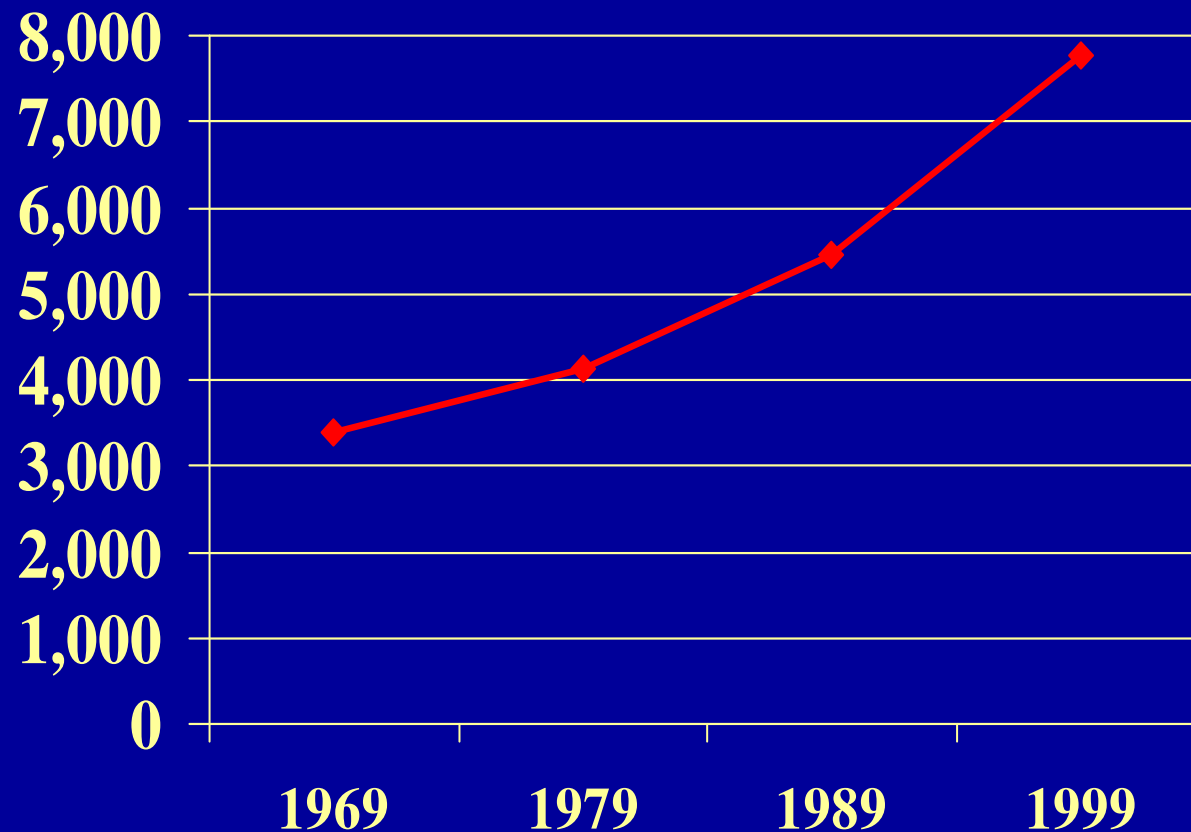
Academic Faculty

60% over the past 30 years



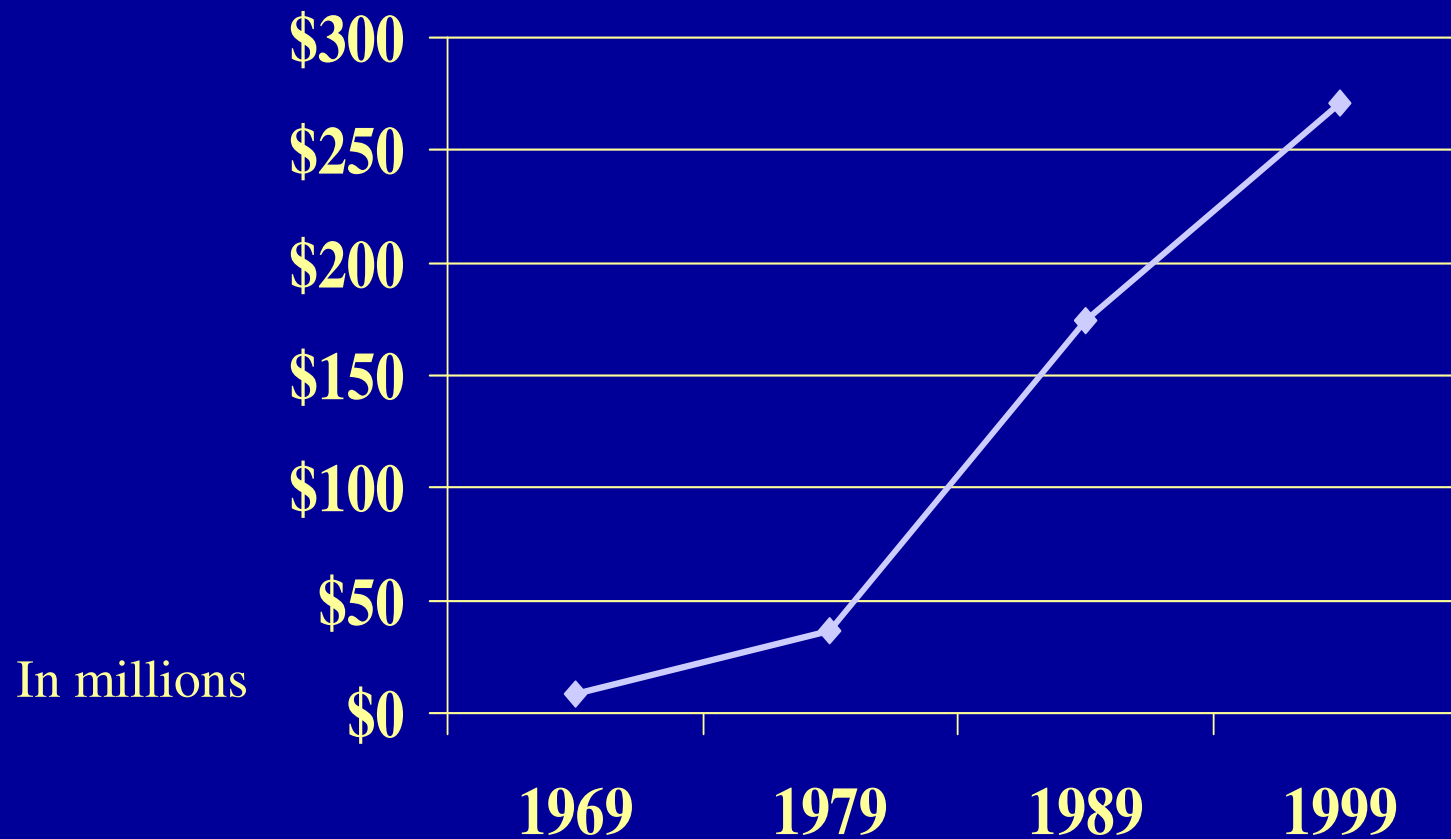
Student Housing on Campus

129% over the past 30 years



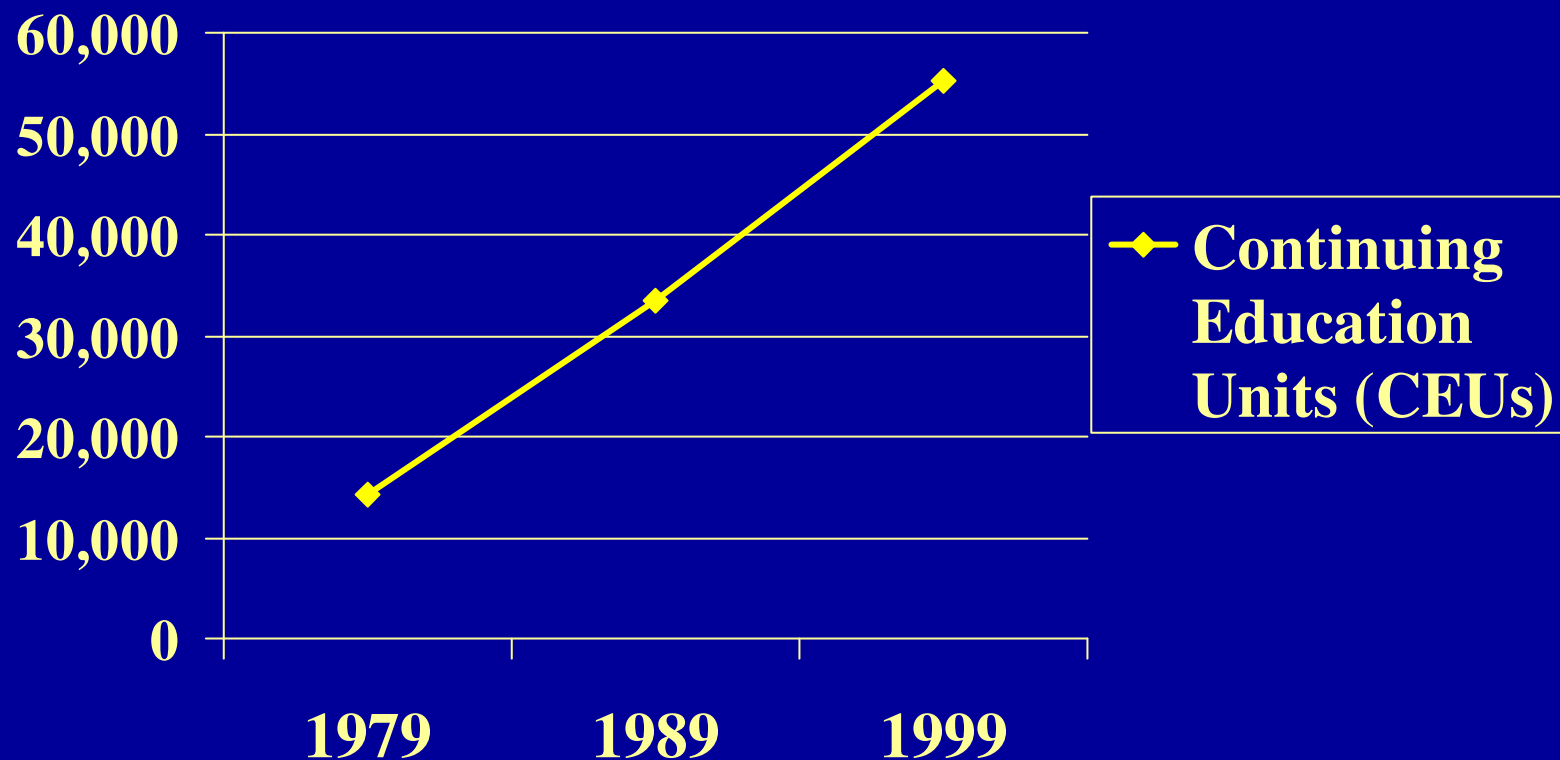
Sponsored Research

3300% over the past 30 years



Continuing Education

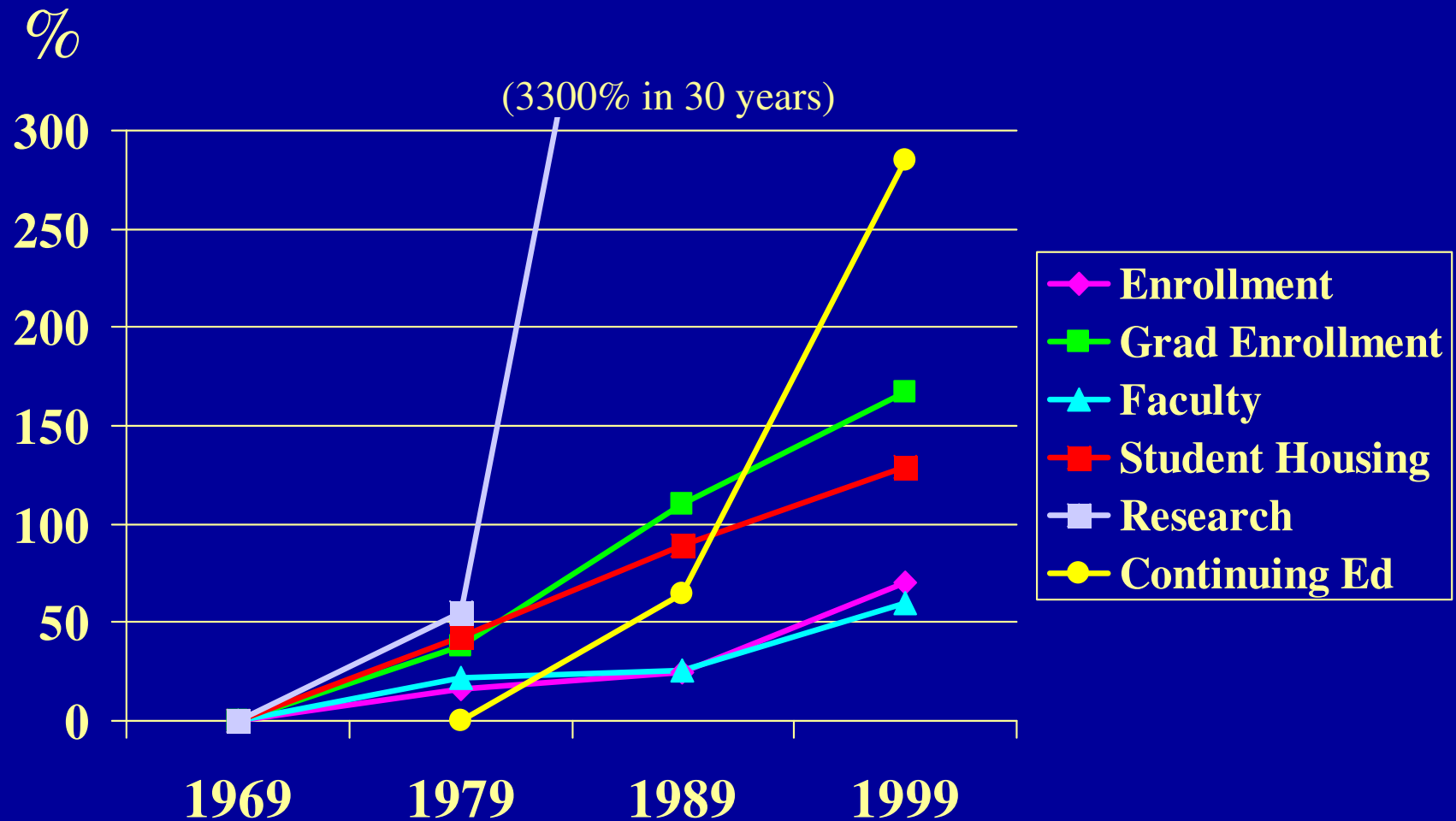
285% over the past 20 years*



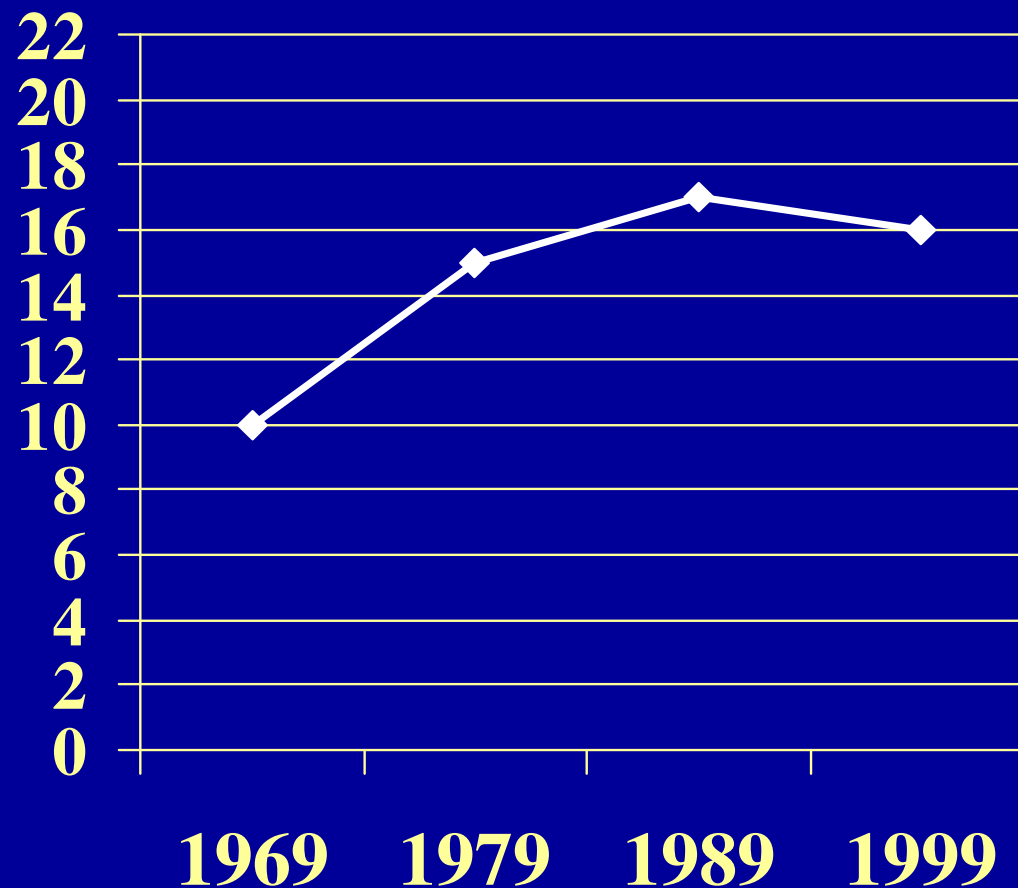
*CEUs did not yet exist in 1969.

Adding It All Together

30-Year Growth by Percentage



Intercollegiate Athletics (by number of sports)



Managing Our Growth Factors

- Enrollment - hold to 15,000
- Faculty - improve student:faculty ratio
- Campus life infrastructure - catch up with growth
- Research - targeted growth
- Continuing education - meeting market needs at market prices
- Athletics - remaining competitive in Division 1-A and ACC

Catching Facilities Up With Growth

- 1996 ISES Facility Study: GT lags behind our peers in program space per faculty member
- Our peers: 12-20 recreational sq. ft./student
Georgia Tech: 8 recreational sq. ft./student
- Our ACC peers: 20 intercollegiate sports
Georgia Tech: 16 intercollegiate sports

Coping with Old Age

- Average building age: 43 years
- 45 buildings over 55 years old
- Strategy:
 - build needed facilities for growth, also providing elbow room for renovation
 - as growth tapers, begin quality renovation of historic core of campus

Major Capital Priorities List

- Environmental Science and Technology Building
- Advanced Computing Technology Building
- Undergraduate Learning Center
- Continuing/Executive Education Center
- Student Athletic Complex

Why we need the Environmental Science and Technology Building



Why we need the Advanced Computing Technology Building



Why we need the Undergraduate Learning Center



Why we need a new Continuing Education Building



Georgia Tech Continuing Education Building



Emory University: Emory Conference Center and Hotel



University of Georgia: Georgia Center for Continuing Education



University of Pennsylvania: Steinberg Conference Center



SAC and the Aquatic Center



New Program Paradigms

- Interdisciplinary is in
 - MARC and MRDC-II
 - BEM Complex
- Technology creates new models for teaching and learning
 - Undergraduate Learning Center

Balancing the Funding Menu

- State funds may be the meat and potatoes, but good health also requires grains, vegetables and fruit.
- Using our political collateral wisely in our requests for state funds.
- Supplementing state funds with other resources -- indirect revenues, fees, grants, corporate and individual gifts.

Biosciences and Bioengineering Building

- No funding from BOR
- Funding sources:
 - Institute Indirect Resources \$20.7 m
 - Georgia Research Alliance \$ 5.0 m
 - Woodruff Foundation \$ 5.0 m
 - Whitaker Foundation \$ 1.0 m
 - TOTAL \$31.7 m

Student Athletic Complex-II

- Renovate and expand SAC, enclose Aquatic Center, add parking facility
- Sources of funds:
 - Student fees \$22.3 m
 - Staff/faculty fees \$ 1.2 m
 - Parking fees \$ 6.0 m
 - Athletic Association \$ 5.0 m
 - Private donors \$ 7.0 m
 - TOTAL \$41.5 m

Supporting Strategy with Facilities

- Address today's growth with new facilities designed for tomorrow's programs
- Free space in historic buildings to restore and reuse them
- Provide facilities that enhance our competitive posture